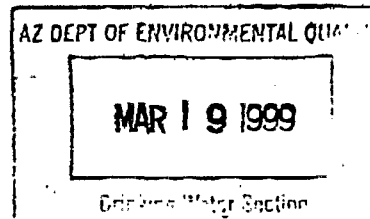


SFUND RECORDS CTR
131808**Arizona
Department of
Health Services****Bureau of Epidemiology and Disease Control Services
Office of Environmental Health**3815 North Black Canyon Highway
Phoenix, Arizona 85015-5351
(602) 230-5830
(602) 230-5933 FAXJANE DEE HULL, GOVERNOR
JAMES R. ALLEN, M.D., M.P.H., DIRECTOR

March 15, 1999

Mr. William Ellett
Arizona Department of Environmental Quality
Southern Regional Office
400 West Congress, Suite 433
Tucson, Arizona 85701

Dear Mr. Ellett:

RE: PROVISIONAL HBGL FOR PERCHLORATE

The Arizona Department of Health Services (ADHS) has developed a provisional drinking water Human Health-based Guidance Level (HBGL) for perchlorate of 31 $\mu\text{g/L}$. This HBGL was calculated using the default ADHS formula and the provisional reference dose (RfD) from the United States Environmental Protection Agency (USEPA) document entitled "*Perchlorate Environmental Contamination: Toxicological Review and Risk Characterization Based on Emerging Information*" dated December 31, 1998. We did not use a relative source contribution in the calculations since perchlorate is a rare contaminant in soils, air, and foods.

The USEPA indicated in the source document that the RfD is provisional. Additional toxicological information is forthcoming that may change the RfD. We are following the toxicological research closely, and will update the HBGL as appropriate.

Sincerely,

A handwritten signature in cursive script that reads "Will Humble".

Will Humble, MPH
Chief,
Office of Environmental Health

WH:ps

cc: Lee Bland, BEDCS
Mason Bolitho, ADWR
Dale Ohnmeiss, ADEQ
Chuck Graf, ADEQ

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Leadership for a Healthy Arizona

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